

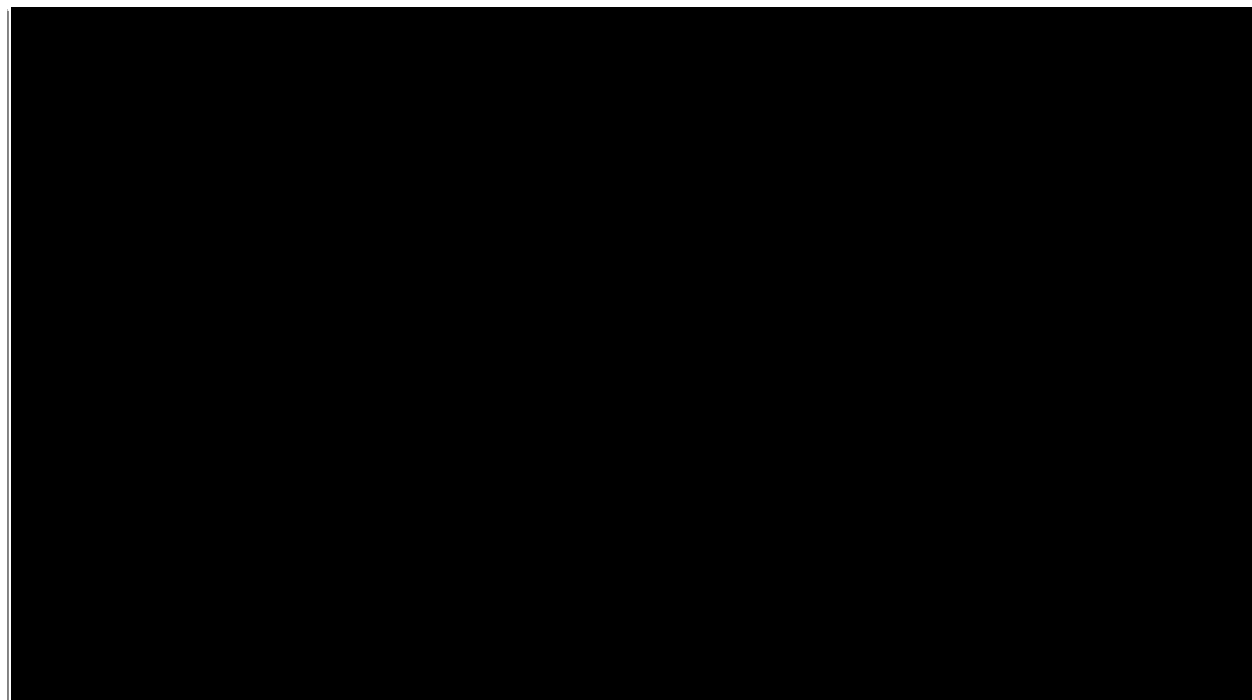
JS 9/13/21  
RJA 2/17/22

## Chemistry Report for Case # P-18-0238

### General

**Submitter:**Georgia-Pacific Chemicals LLC**Contact:** Bobby Williamson/Gayle MacAllister **Contact Telephone No.:** (770) 593- 6893/6834**TS No.:** G0P0C2**Chemist:** Yakal, Randy**Contractor Support:** Y**PV Init (kg/yr):** [REDACTED]**PV Max (kg/yr):** [REDACTED]**Binding Option:** ☐**Exposure-Based Review:** ☒**Manufacture** [REDACTED]**Import:** ☐**CAS Number:**None**Chemical Name** [REDACTED]  
[REDACTED]**Trade Name:**None**IES Order:**432802-3**Generic Name:**Saccharide reaction  
products with acid anhydride, etherified  
(PROVISIONAL)

### Chemical Structure



### Physical Chemical Properties

<b>Molecular Formula:</b>		<b>Molecular Weight:</b>	
<b>% &lt; 500:</b>		<b>% &lt; 1000:</b>	
<b>MP:</b>		<b>MP Estimate:</b>	
<b>BP:</b>		<b>BP Pressure:</b>	
<b>BP Estimate:</b>	>400		
<b>VP (Torr):</b>		<b>VP Estimate (Torr):</b>	<0.000001
<b>Water Solubility (g/L):</b>		<b>Water Soluble Estimate (g/L):</b>	1000
<b>Log P:</b>		<b>Log P Estimate:</b>	-0.48
<b>Physical State — Neat:</b>	Liquid	<b>Physical State — Manuf:</b>	Solution, 60% PMN material in

<b>Physical State — Processing:</b>	
<b>Physical State — End Use:</b>	Destroyed upon heat curing

## Additional Chemical Info

A

Sustainable Futures Assessment was provided as an attachment to the submission.

The structures drawn are representative.

The submitted MSDS is for PMN material in formulation.

EPI estimated data (input MP = 20 °C) for the low weight left structure as drawn, MW, SMILES: BP = 478 °C; VP = 9.83E-8 torr; WS = 1000 g/L; log P = -0.48.

EPI estimated data (input MP = 20 °C) for the center structure drawn, MW, SMILES: : BP = 620 °C; VP = 8.13E-15 torr; WS = 553 g/L; log P = -0.22.

EPI estimated data (input MP = 20 °C) for the right structure drawn, MW, SMILES: BP = 922 °C; VP = 3.62E-26 torr; WS = 1000 g/L; log P = -2.35.

## Uses

**Consumer Use?** No

**Use:**

**Other Uses:**

Analog

. Analog

Analog

### Reaction Description

[REDACTED]

### Pollution Prevention Analysis(P2 Analysis:)

P2

Claim:

[REDACTED]

### Analogs

[REDACTED]

### Comments/Telephone Log

Artifact

Update/Upload Time

[REDACTED]